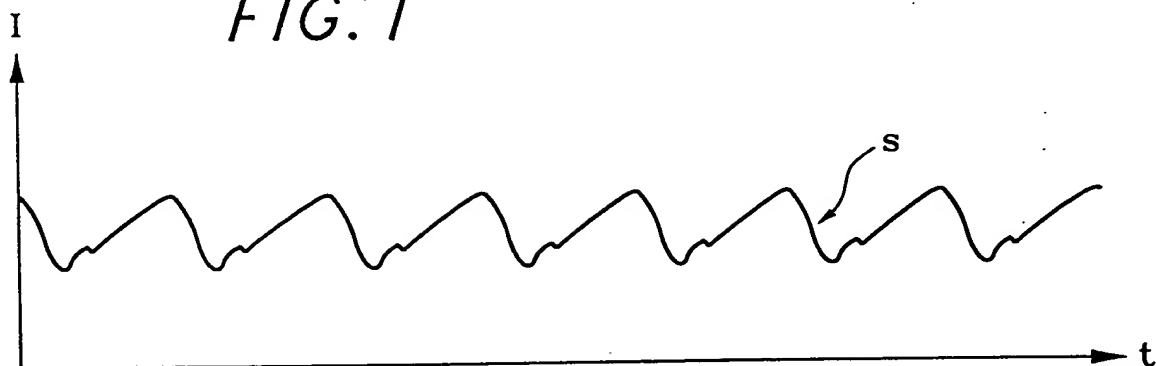
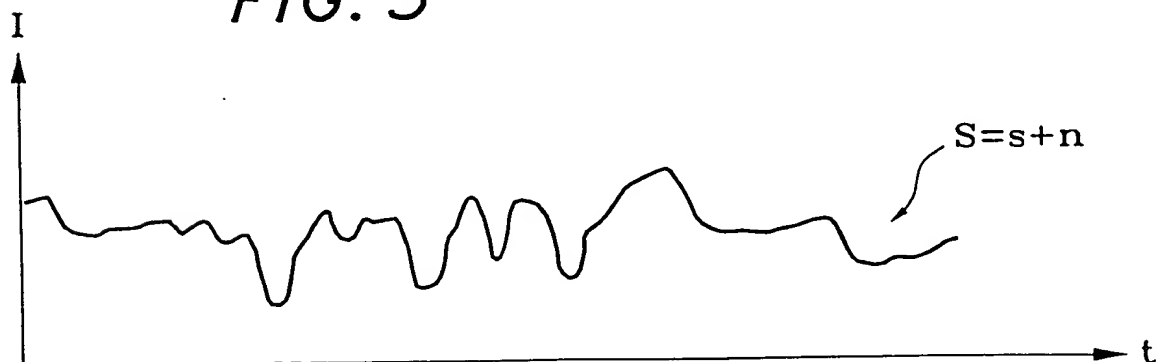


FIG. 1

BONE
MUSCLE
TISSUE
ARTERIAL BLOOD
VENOUS BLOOD

*FIG. 2**FIG. 3*

09111504, 070798

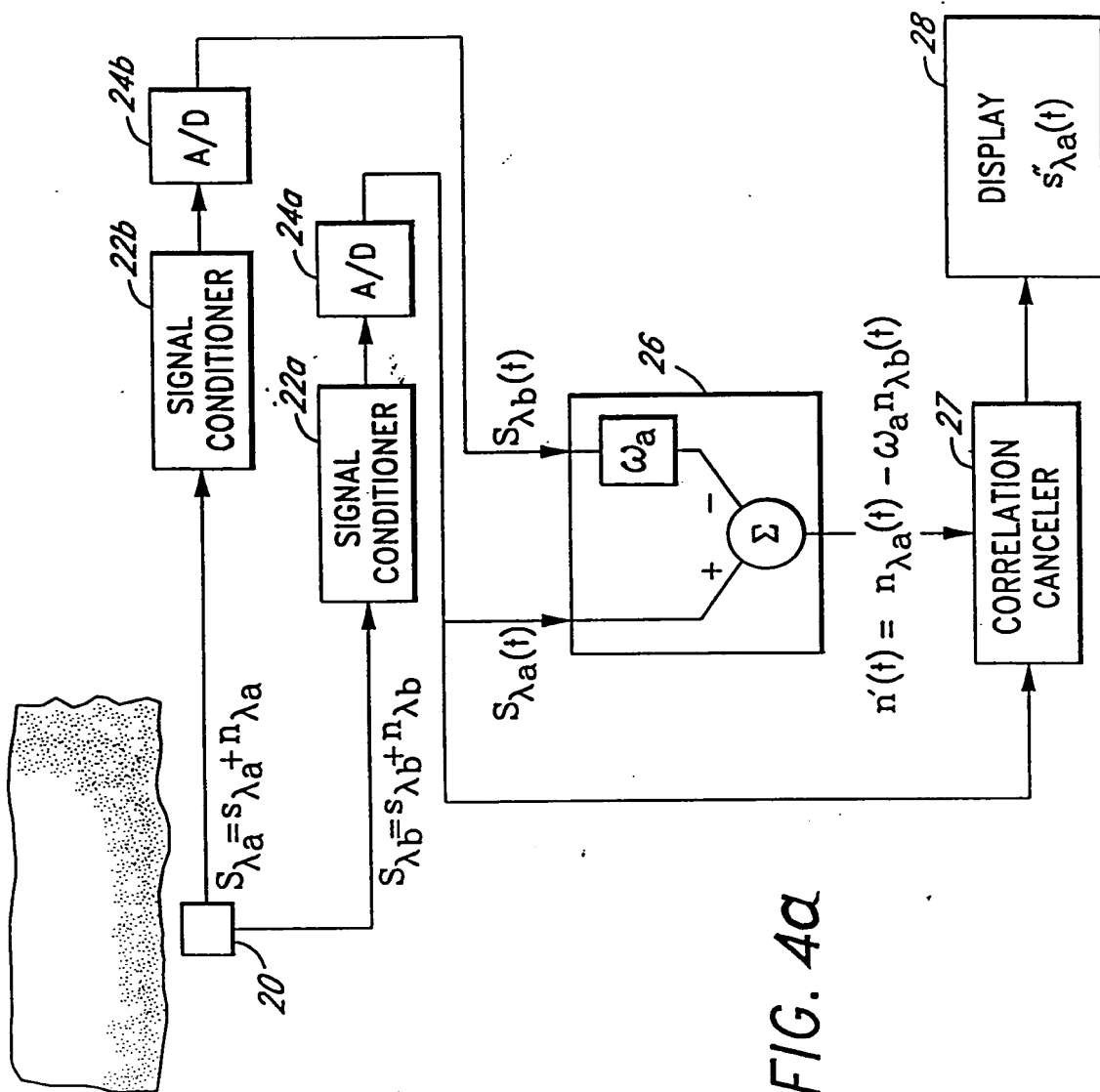


FIG. 4a

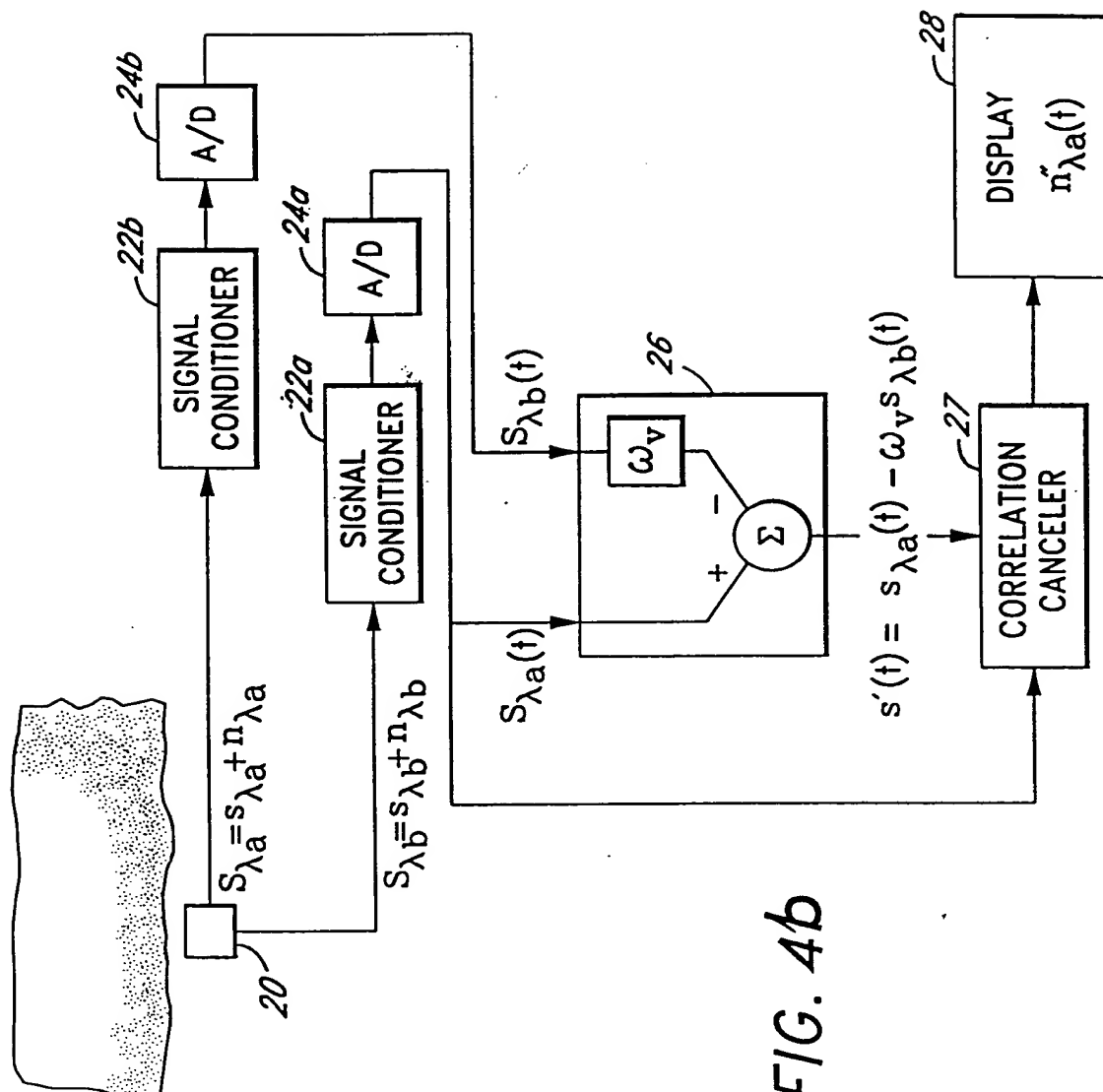


FIG. 4b

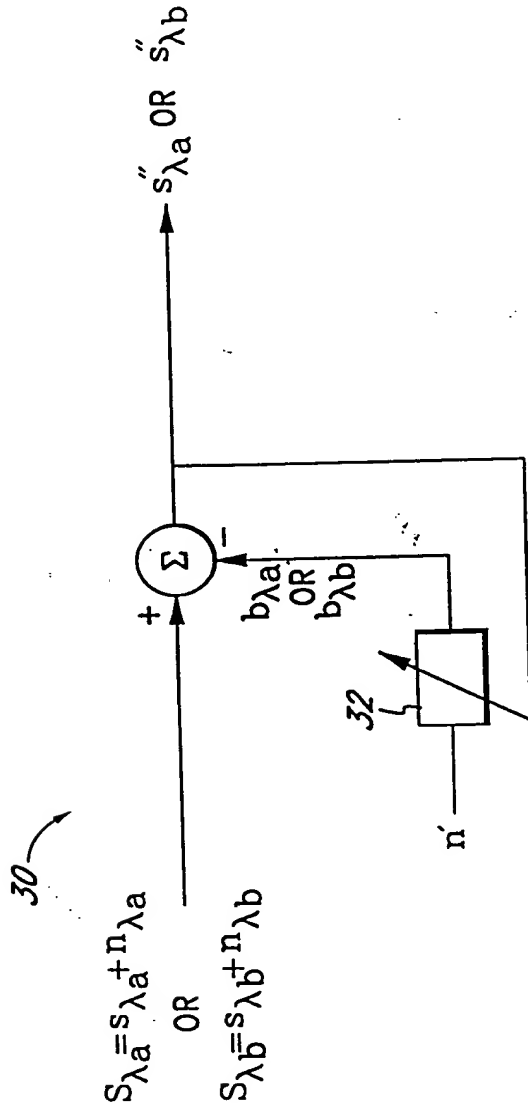


FIG. 5a

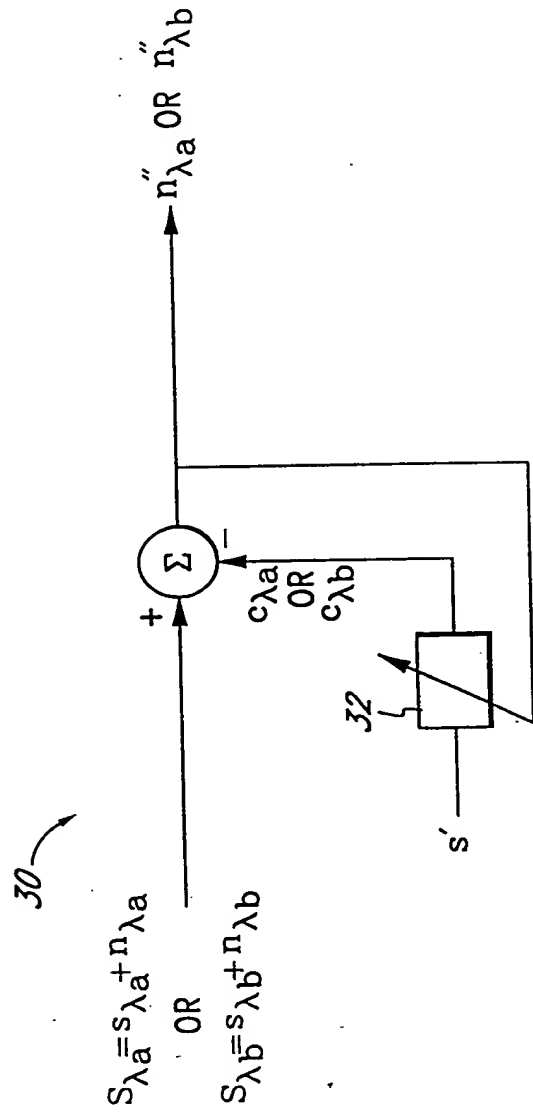


FIG. 5b

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DATE	BY	CHKD	APPROVED

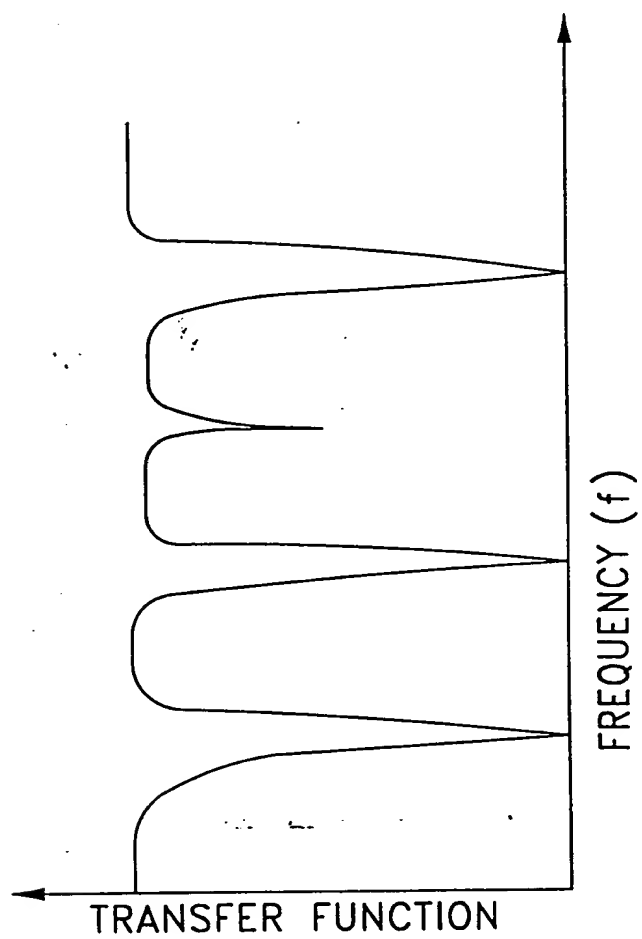


FIG. 5c

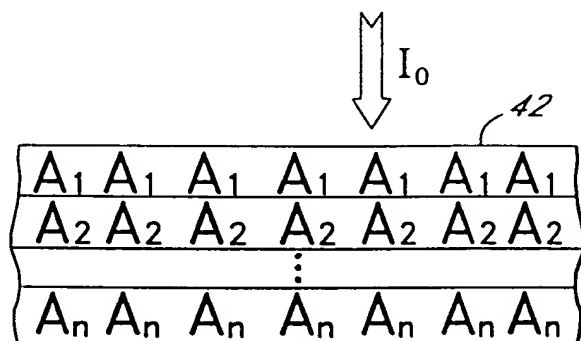


FIG. 6a

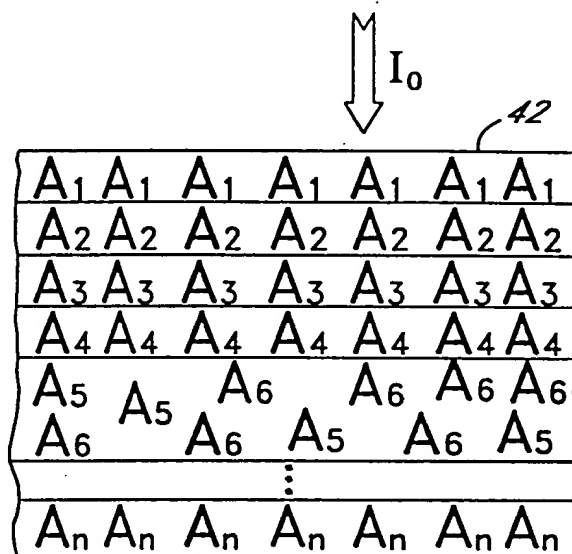


FIG. 6b

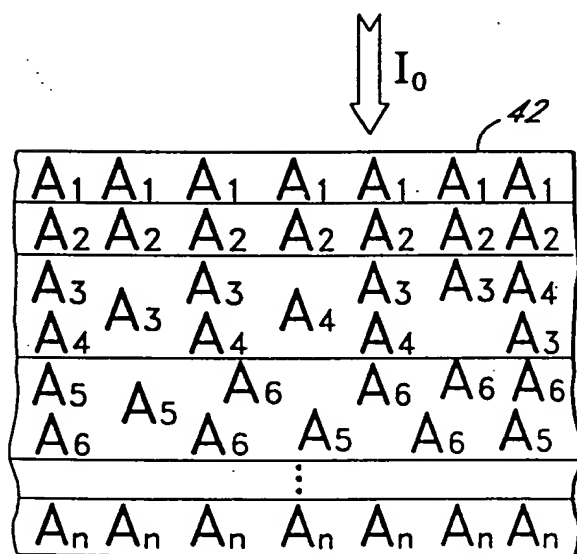


FIG. 6c

864040-409TT60

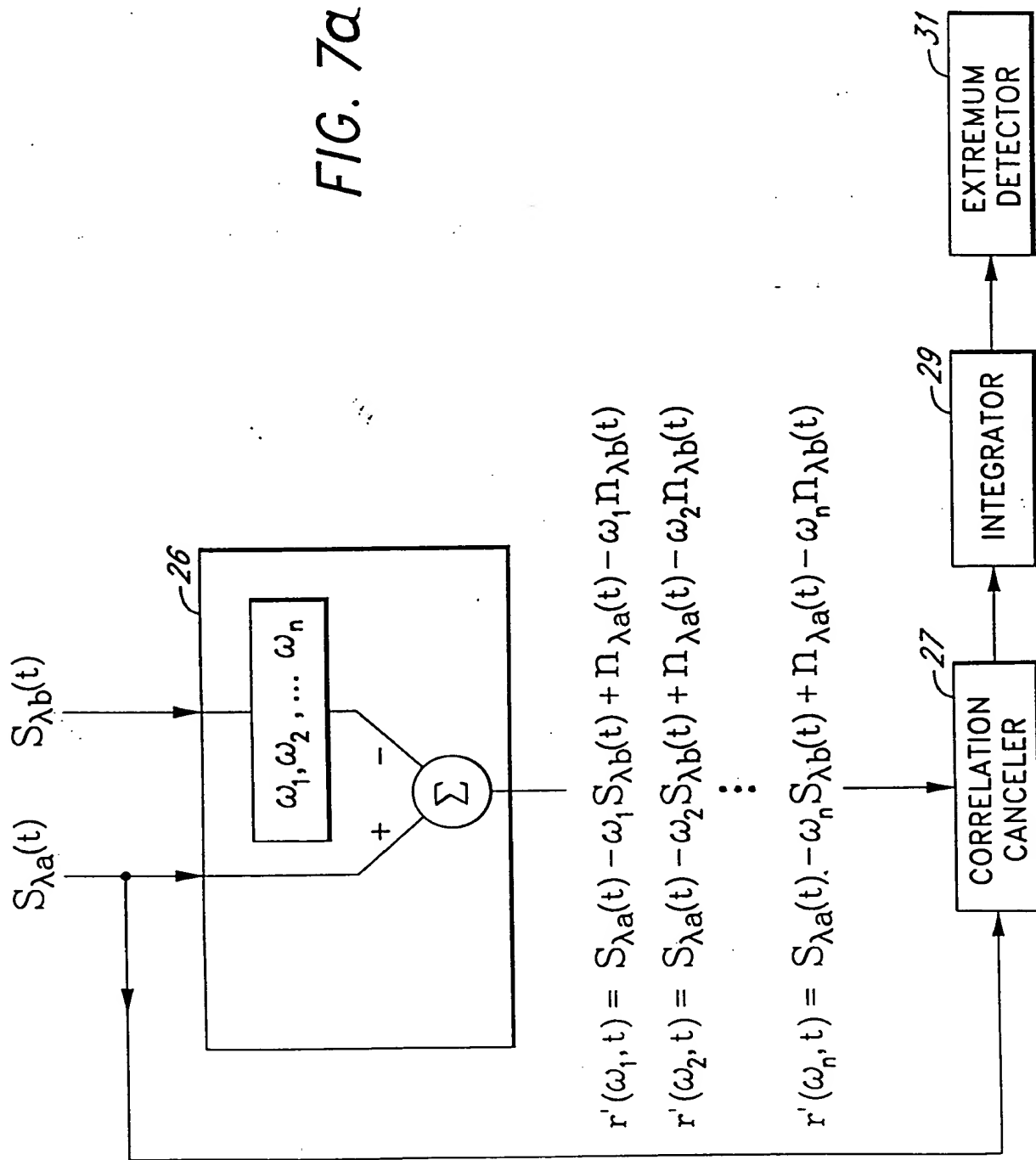


FIG. 7b

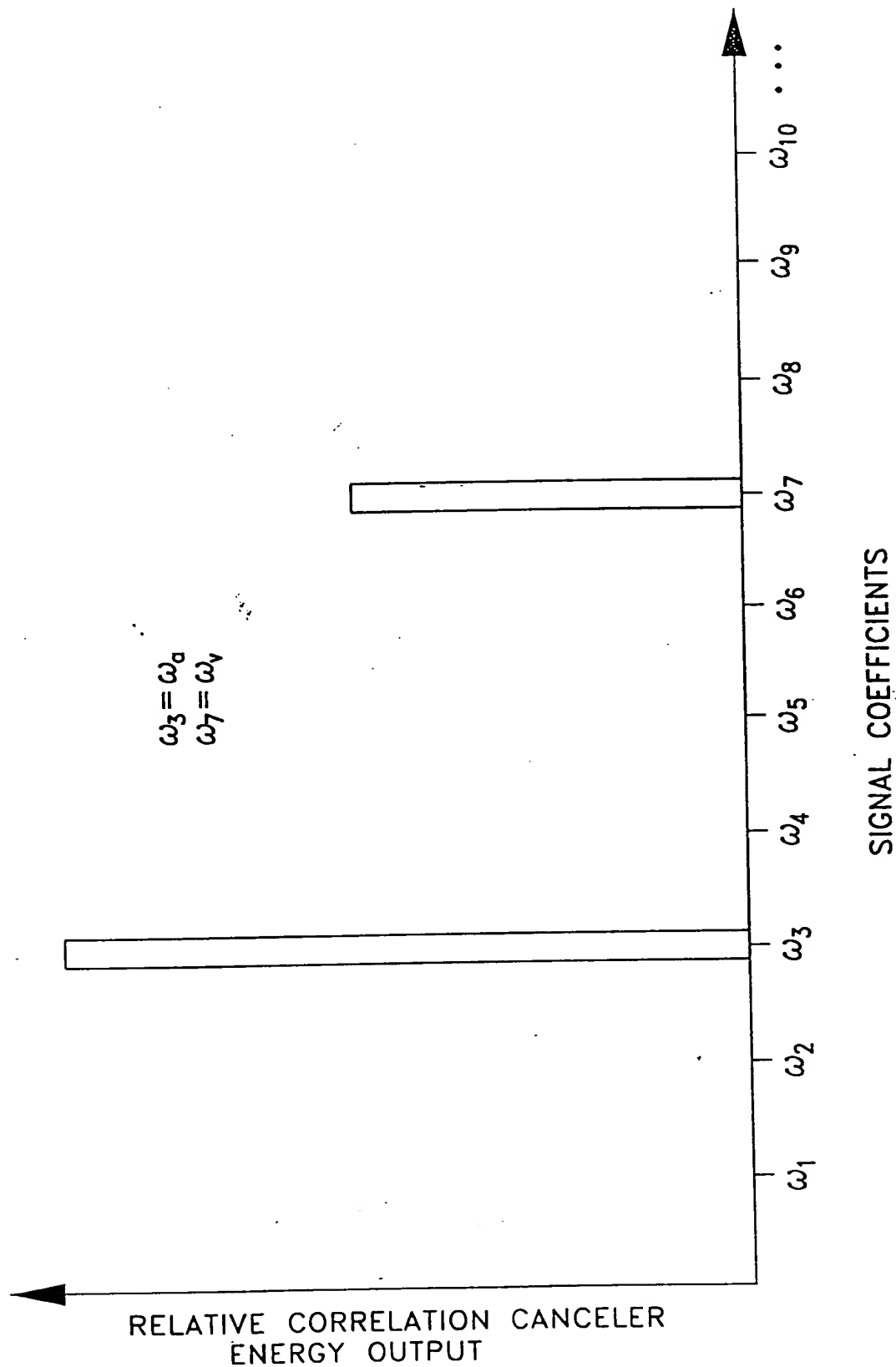


FIG. 7C

$\omega_3 = \omega_0$
 $\omega_7 = \omega_v$

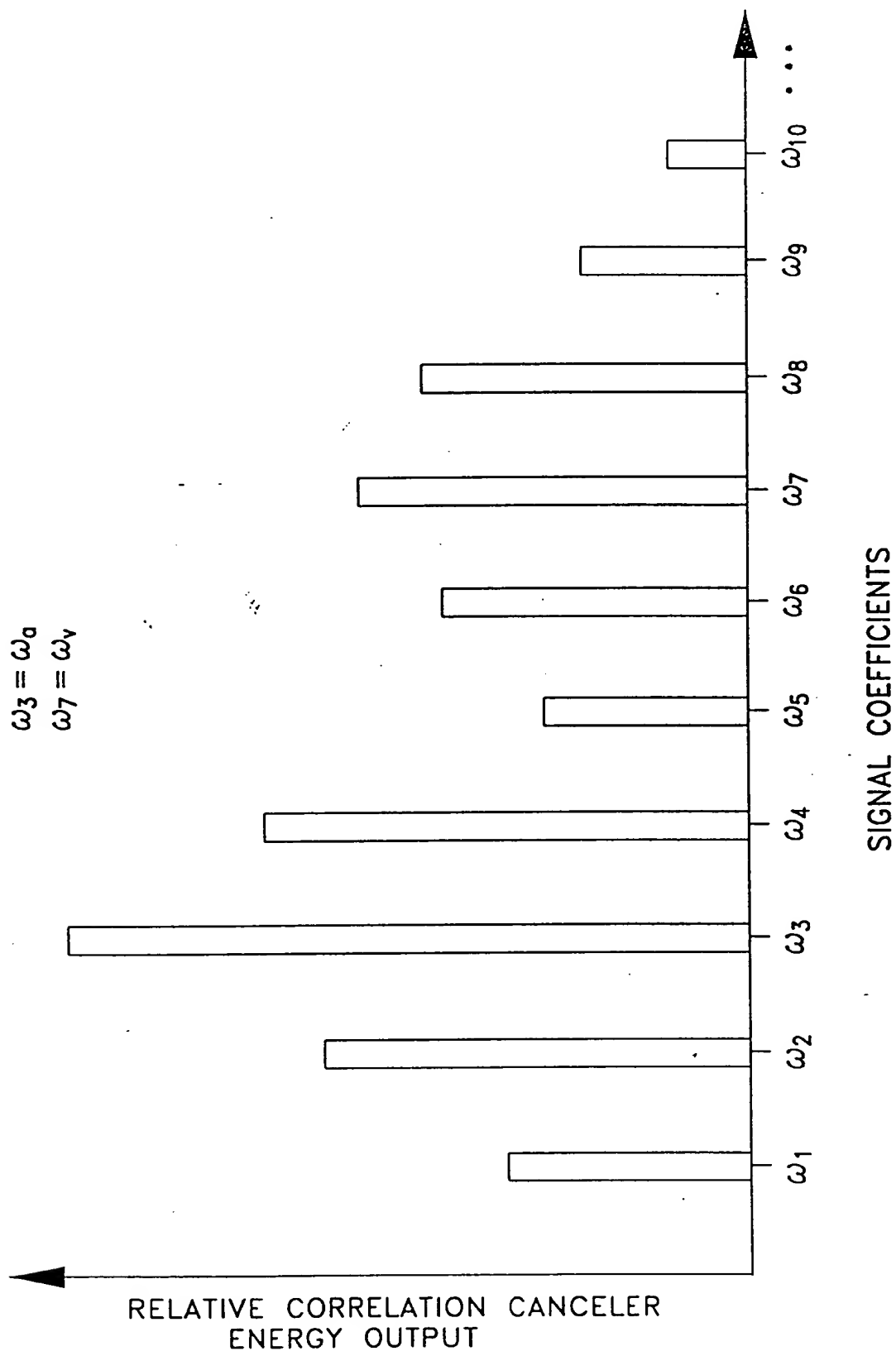
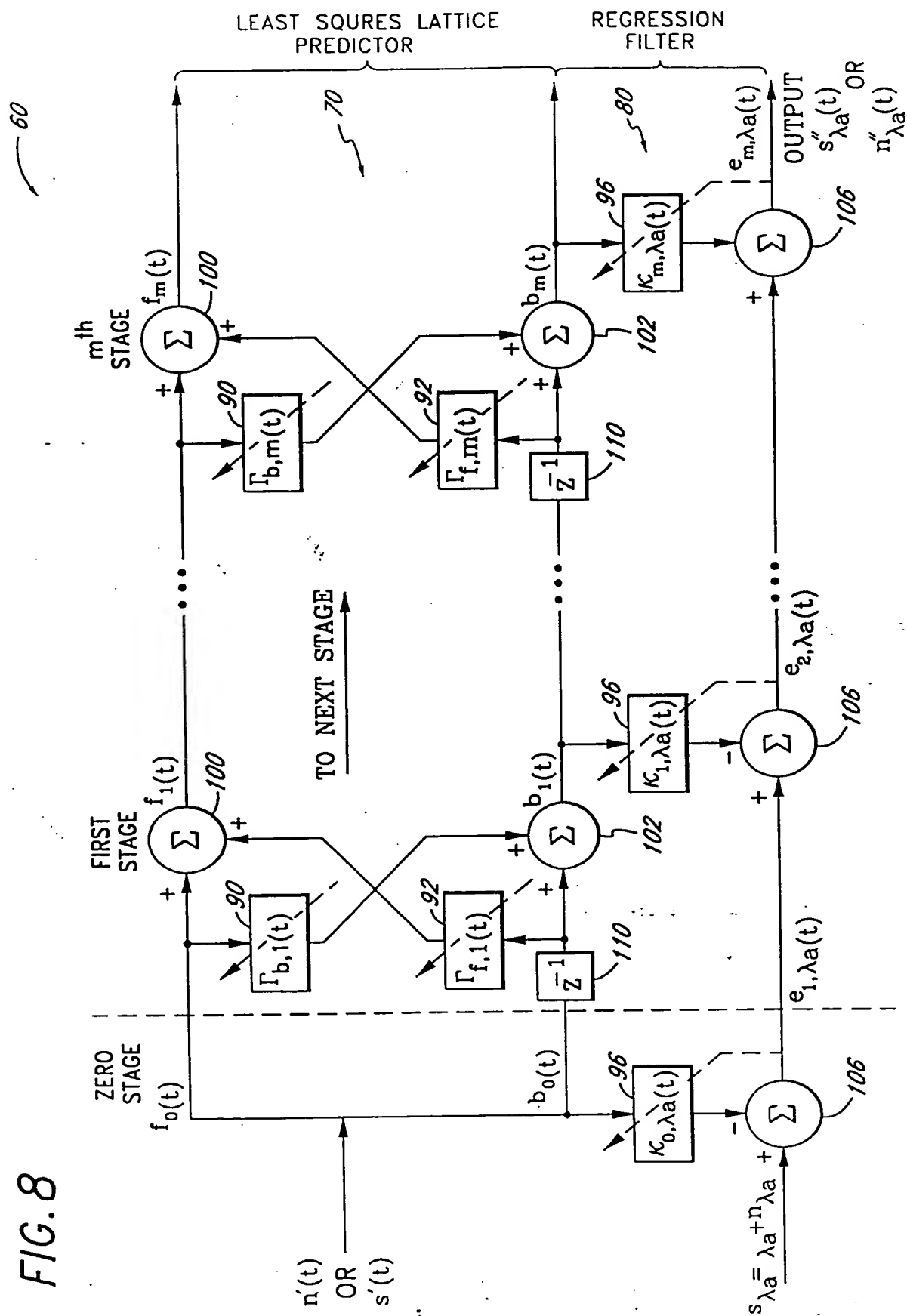


FIG. 8



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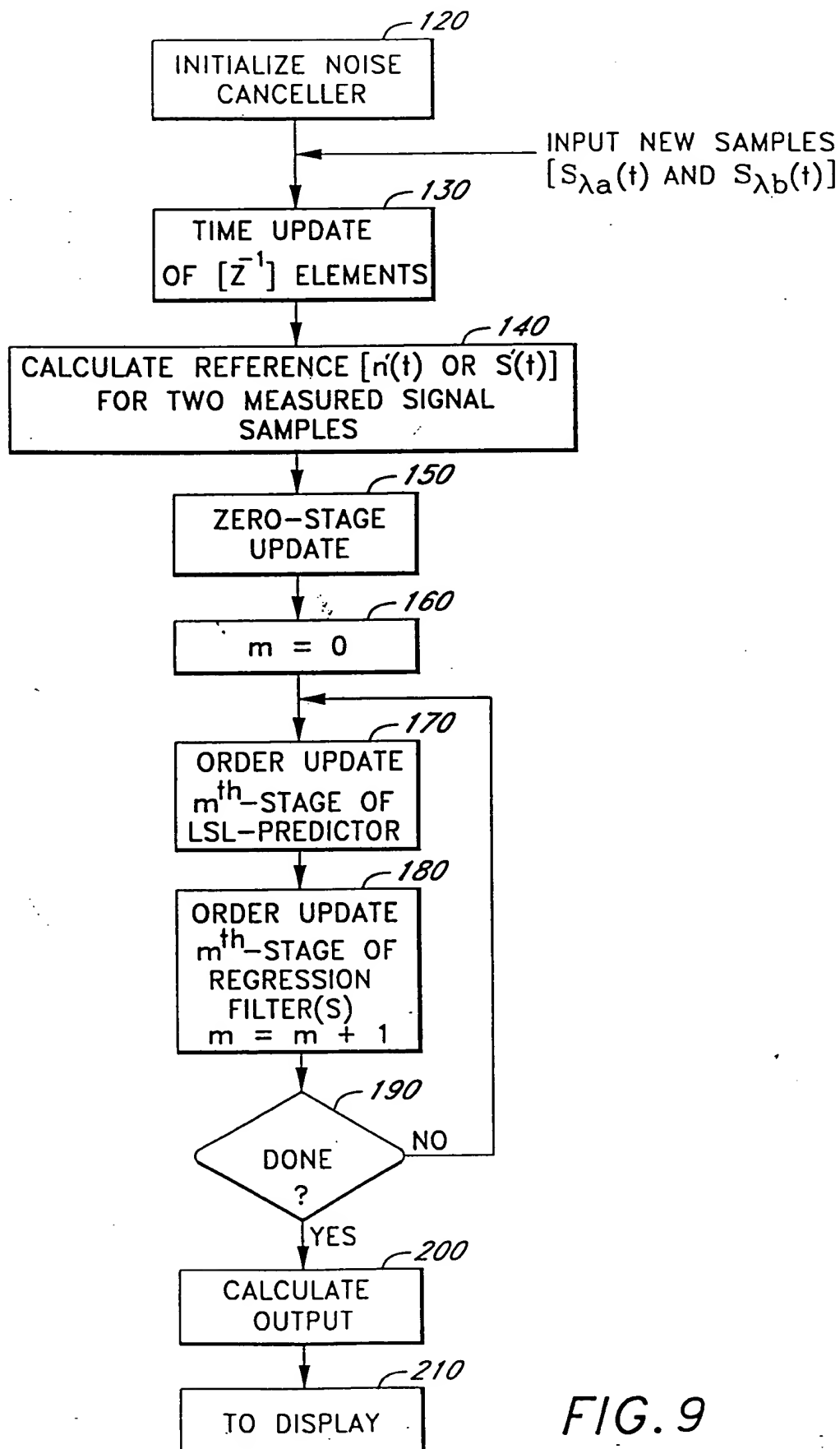
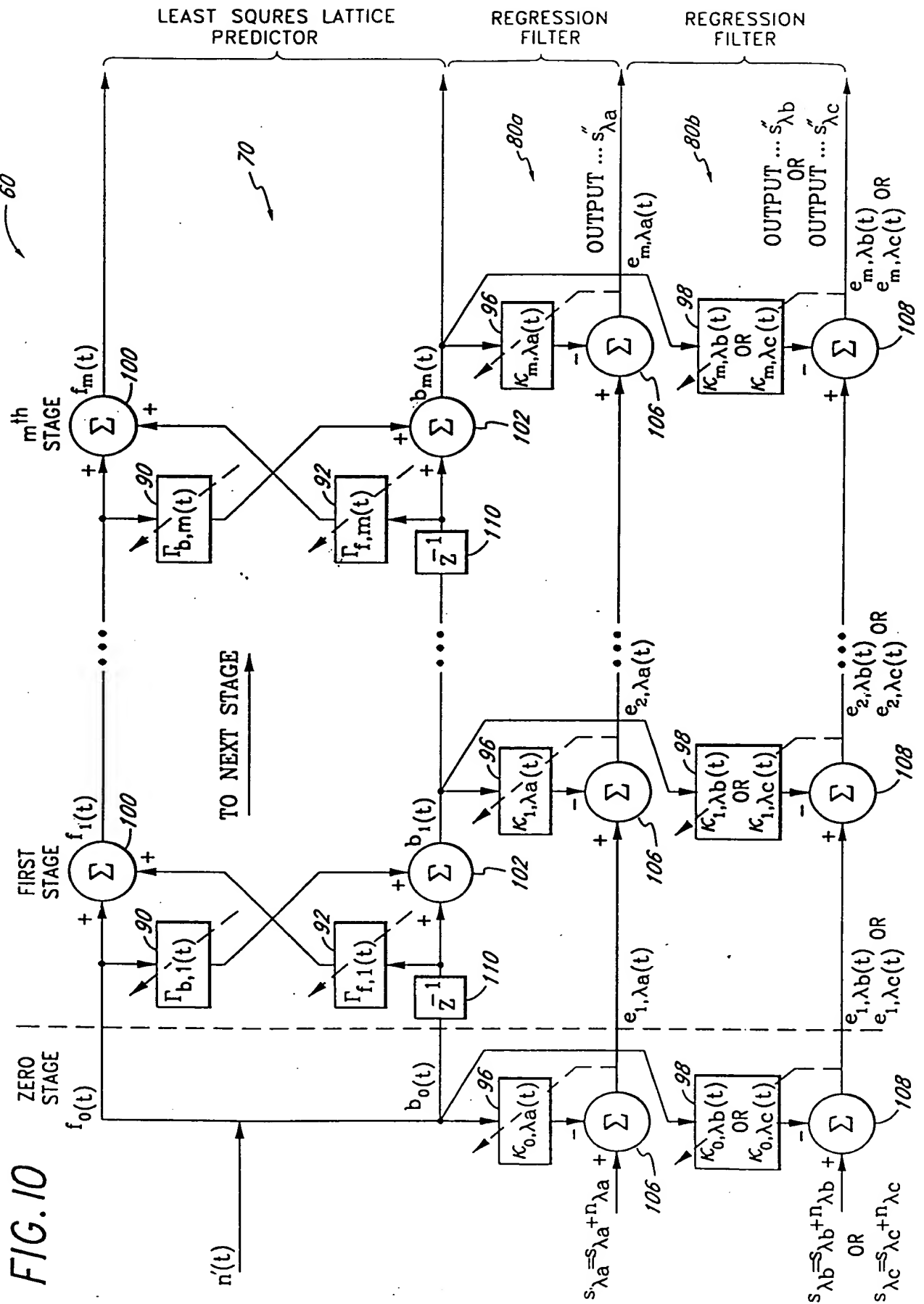


FIG. 9



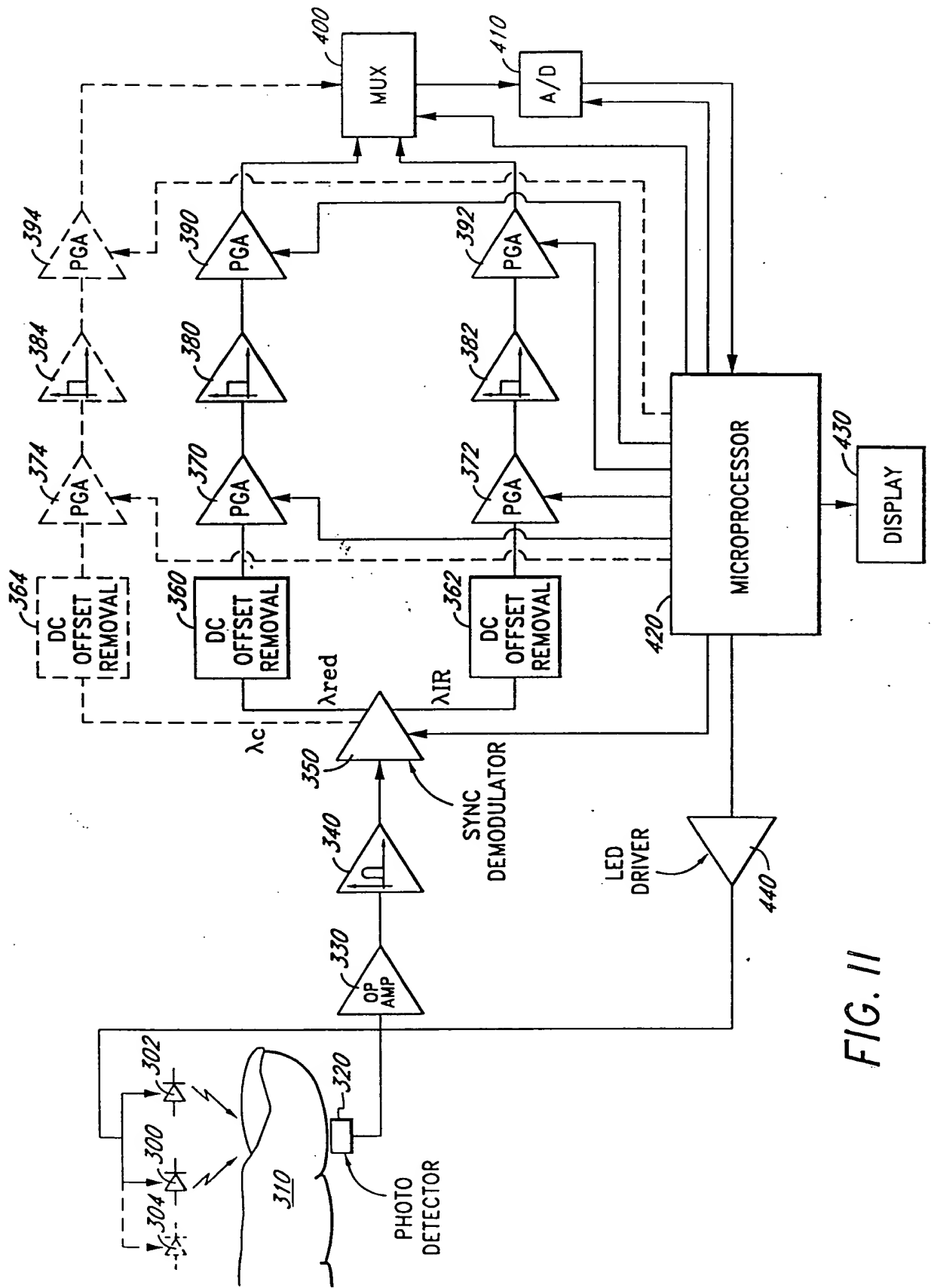


FIG. II

0111504-070799
862020-4097750

FIG. 12

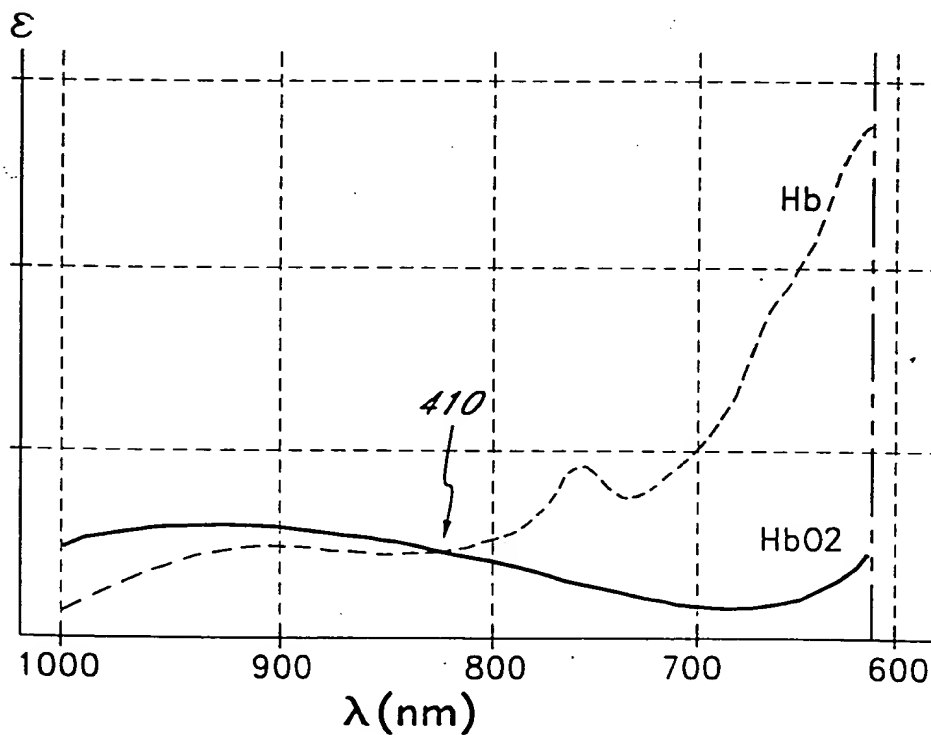
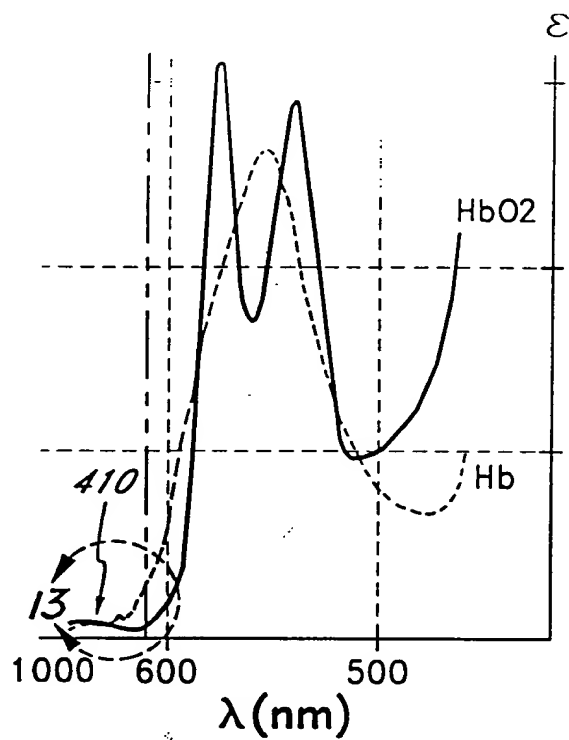


FIG. 14

862020"4097760

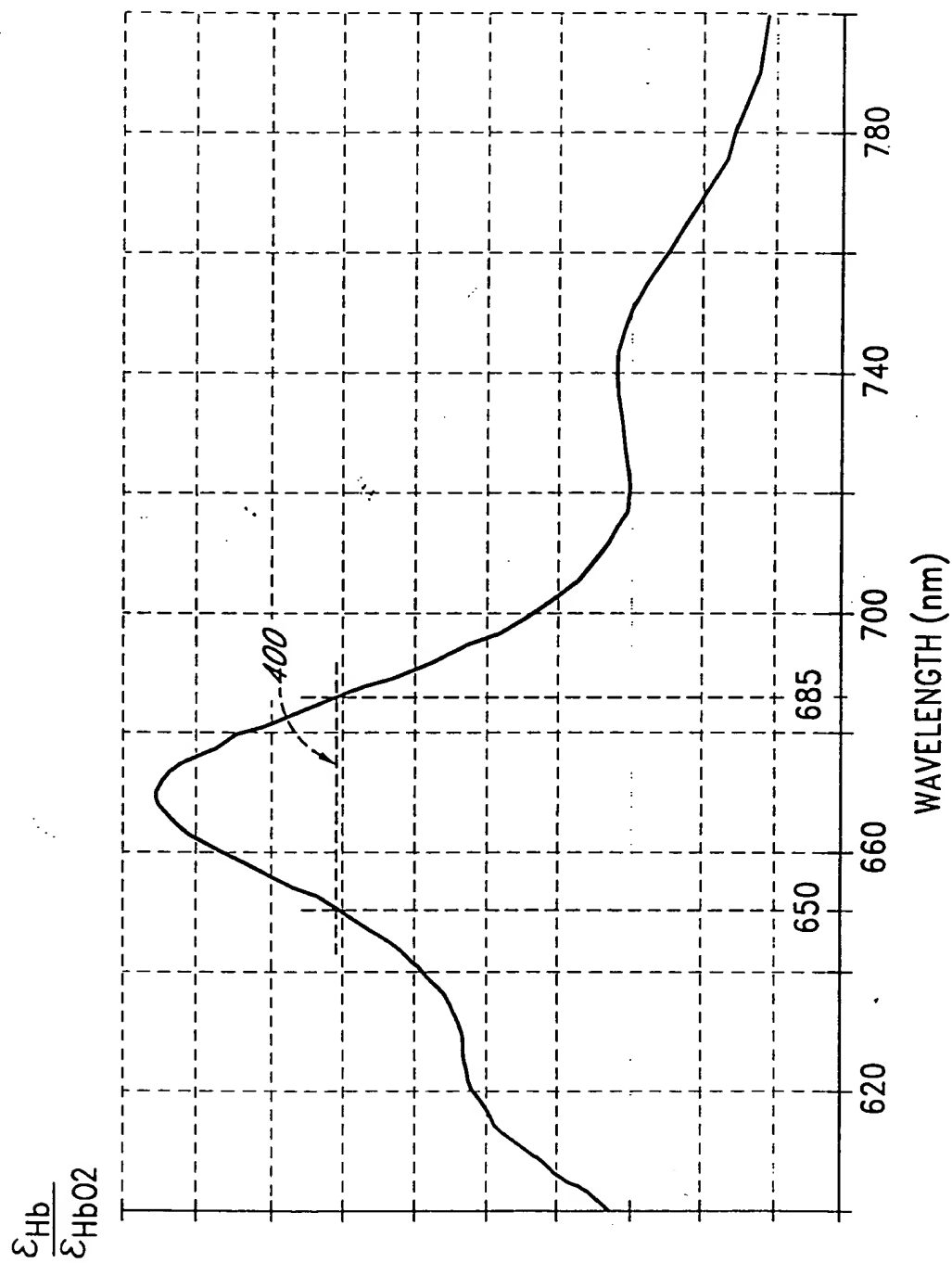
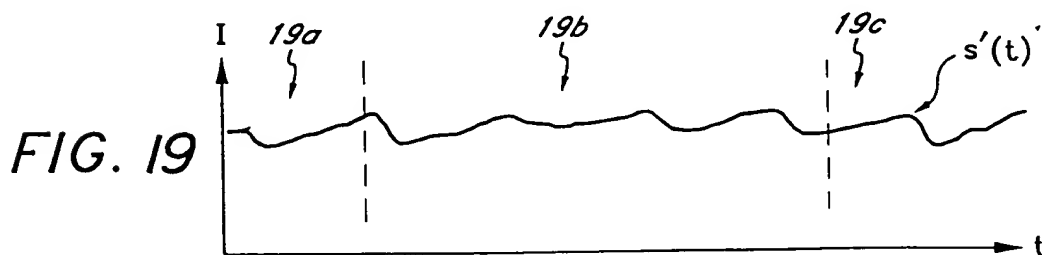
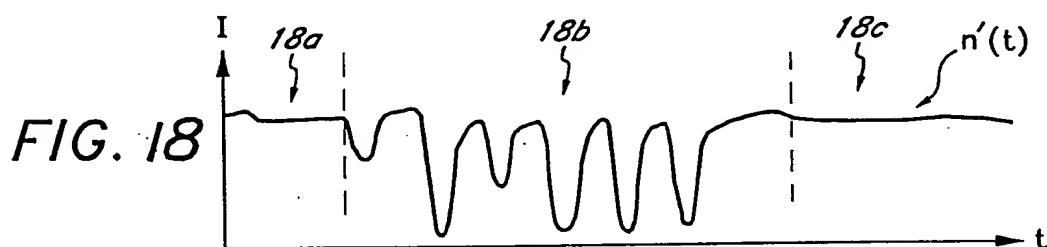
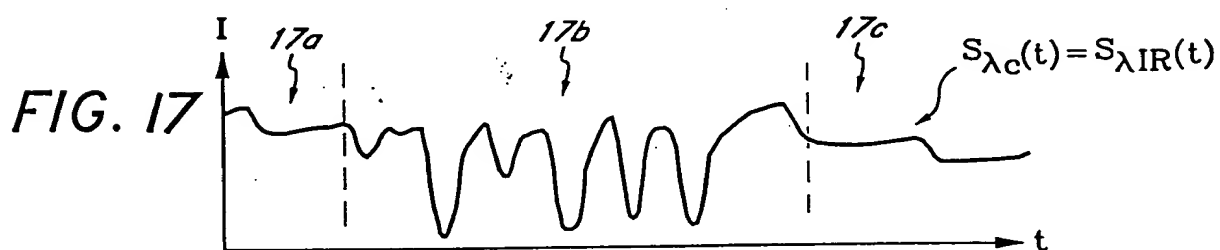
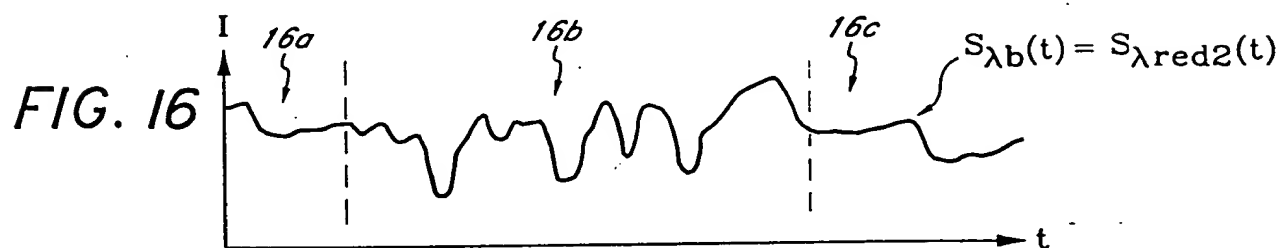
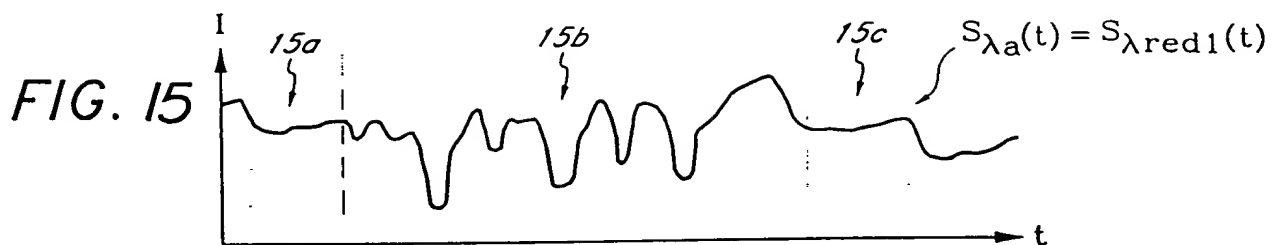
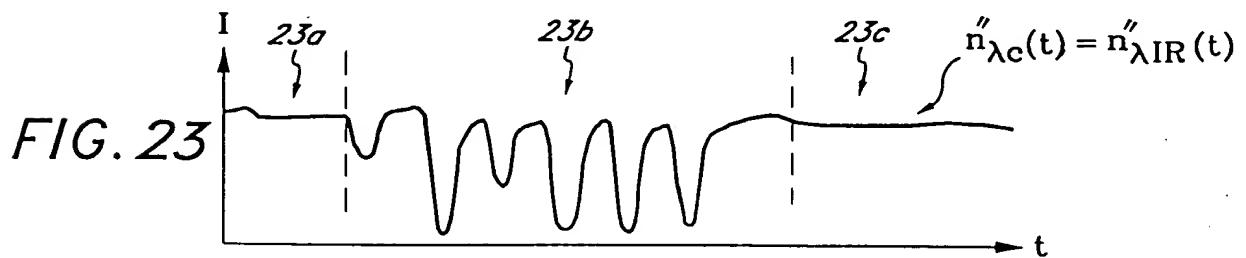
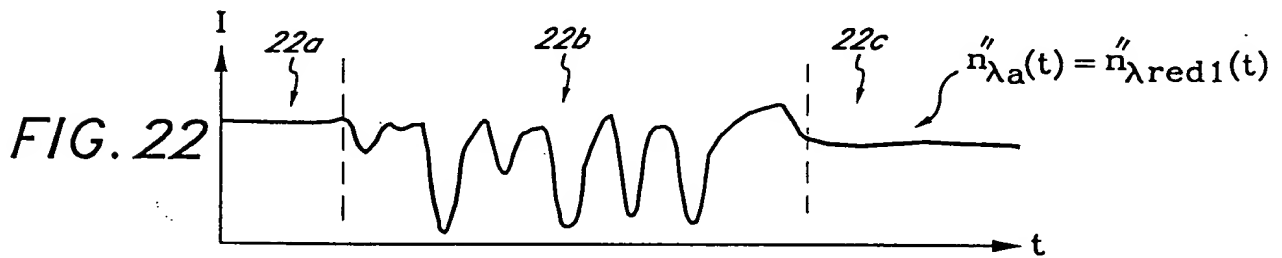
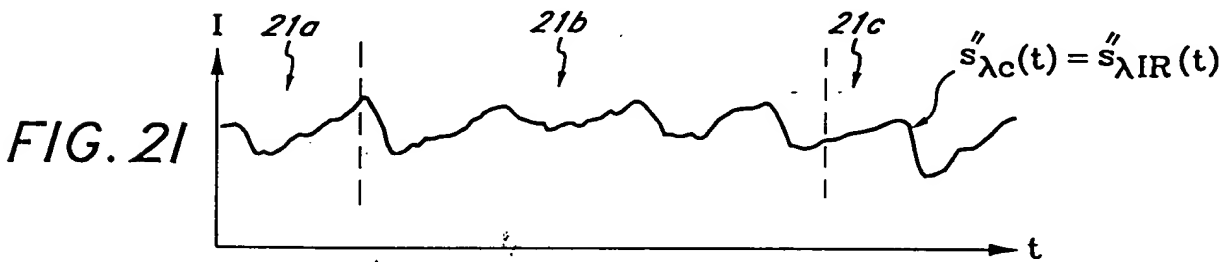
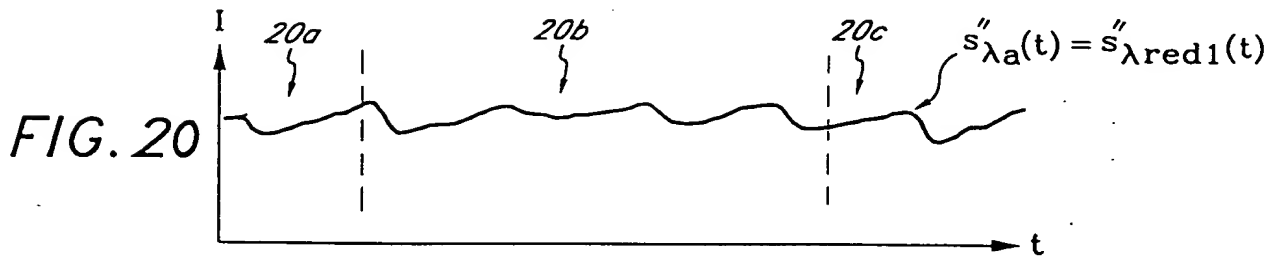
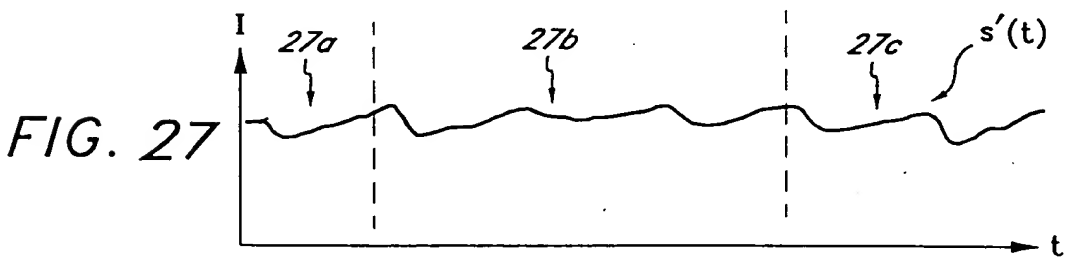
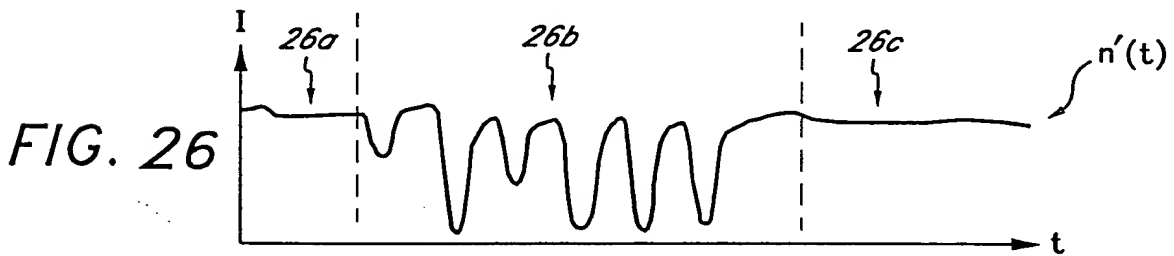
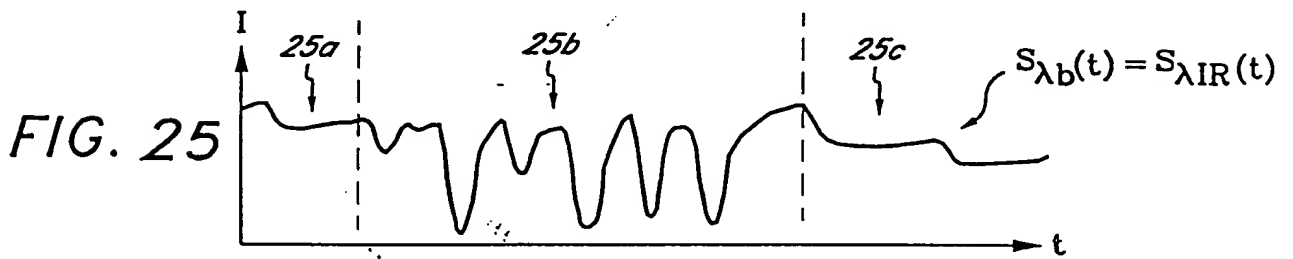
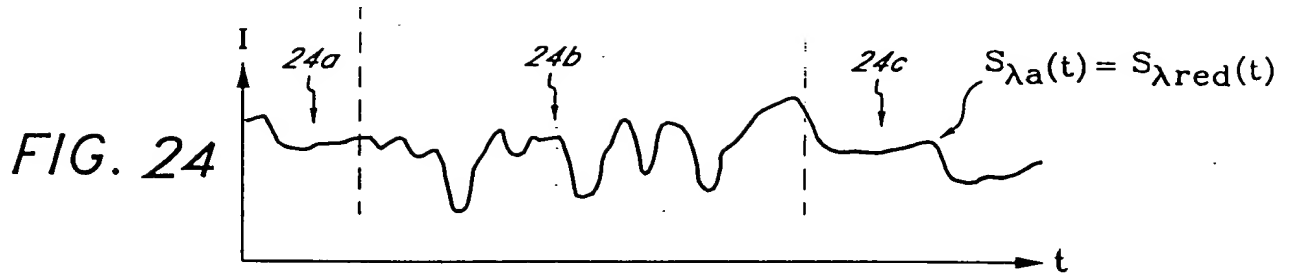


FIG. 13



864040-409TT160





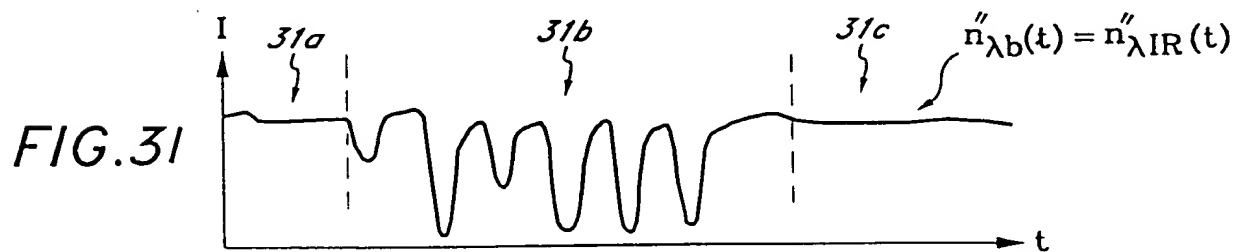
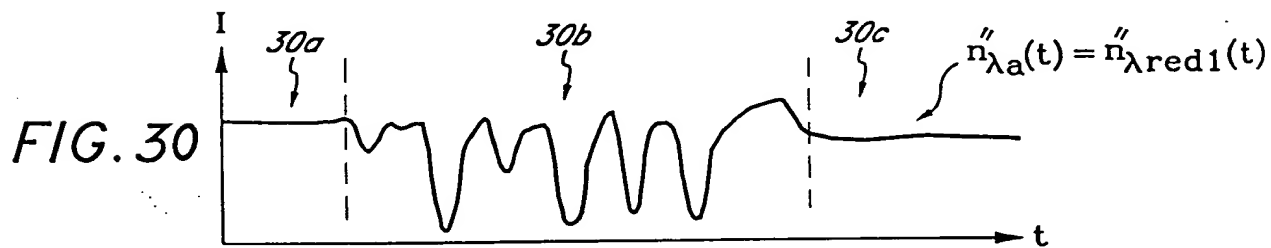
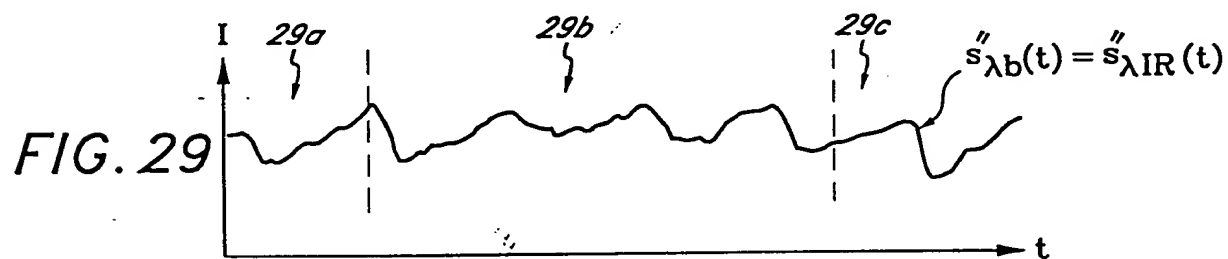
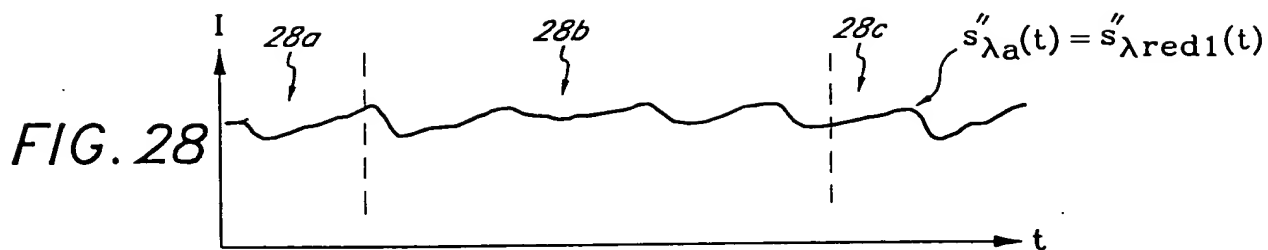


FIG. 32

